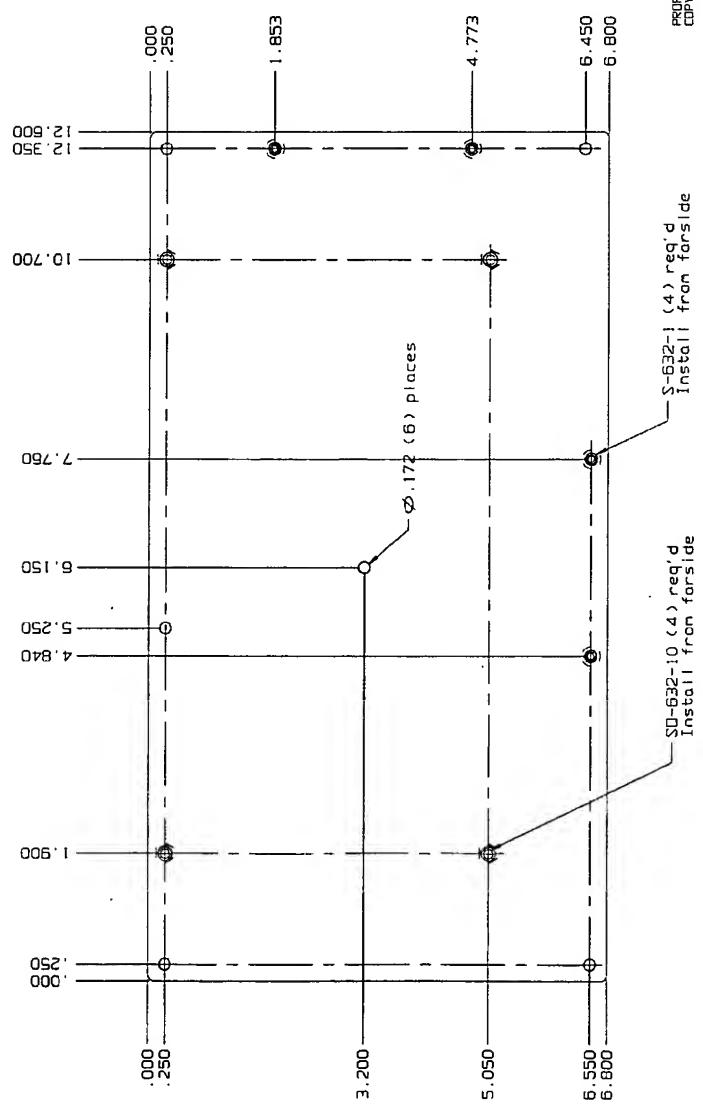
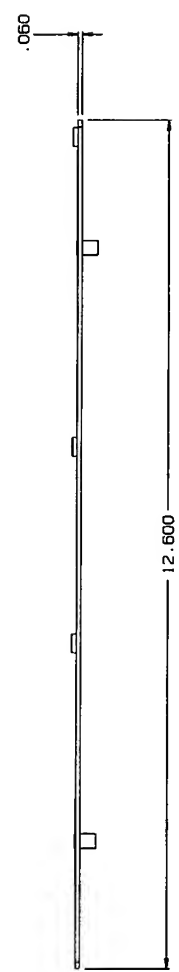
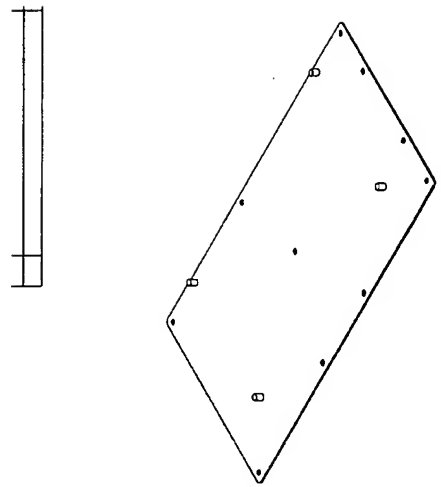




FIG. 4



PROPRIETARY AND CONFIDENTIAL  
COPYRIGHT - 2003

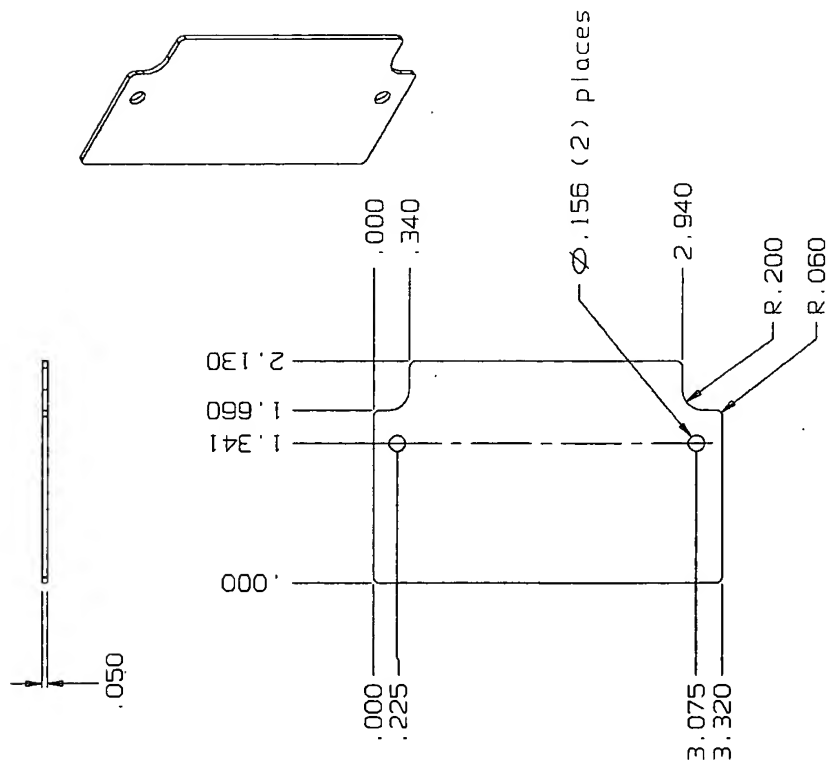
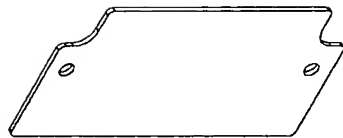


FIG. 5A

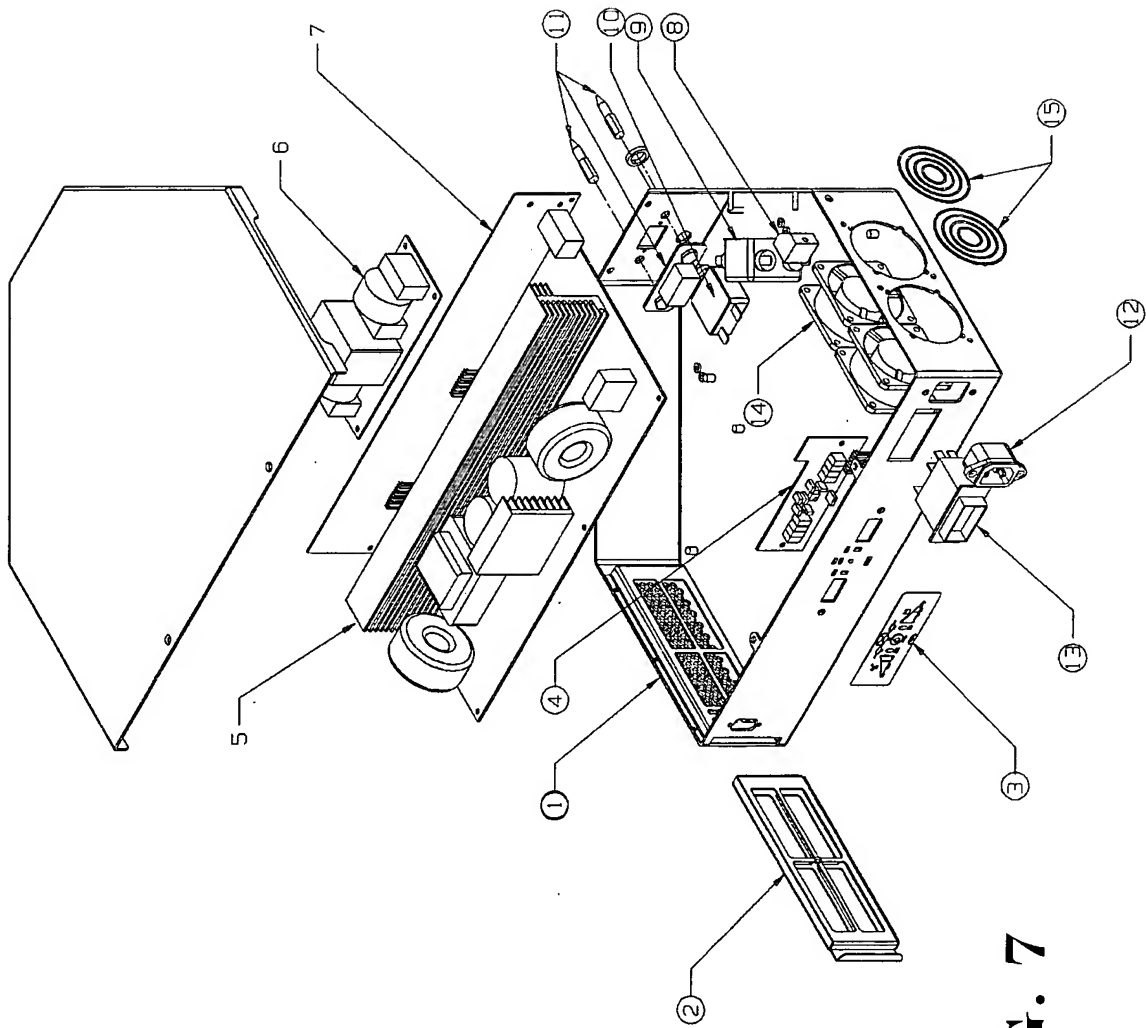


FIG. 7

FIG. 9.

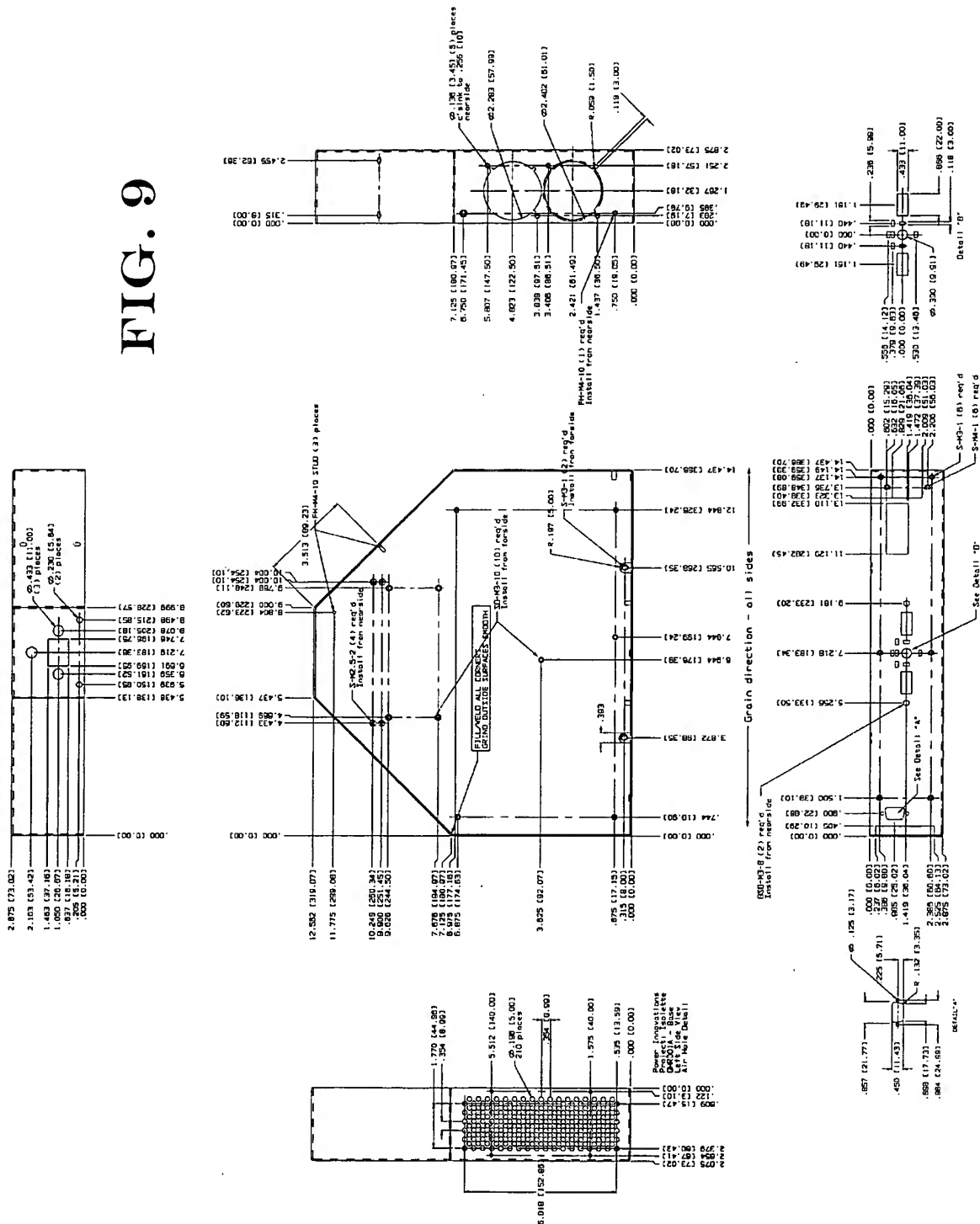


FIG. 11A

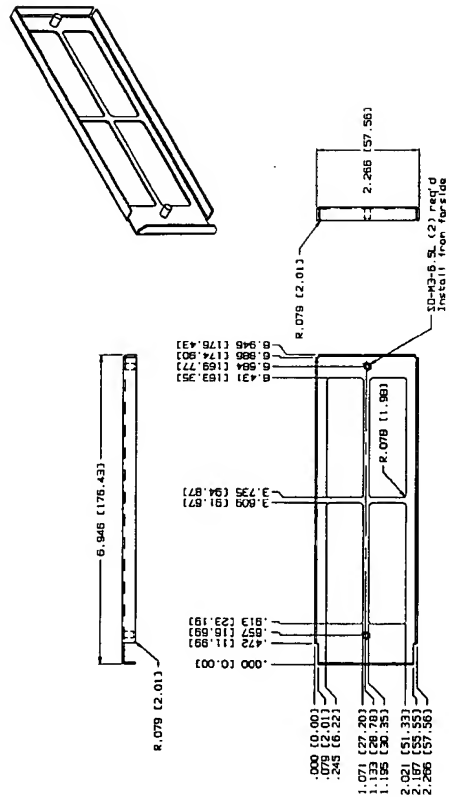
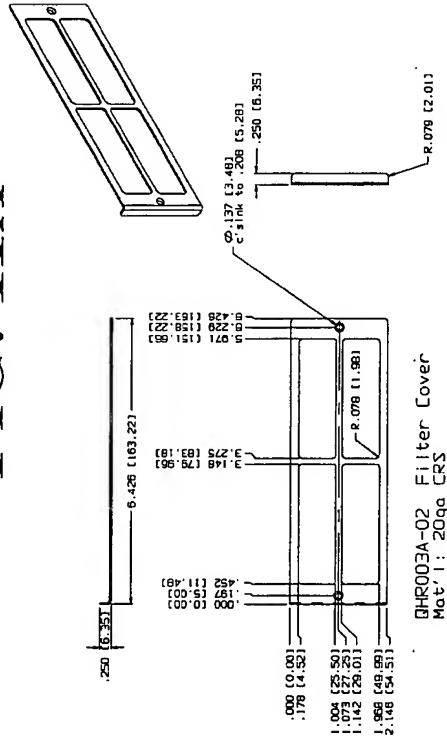


FIG. 11B

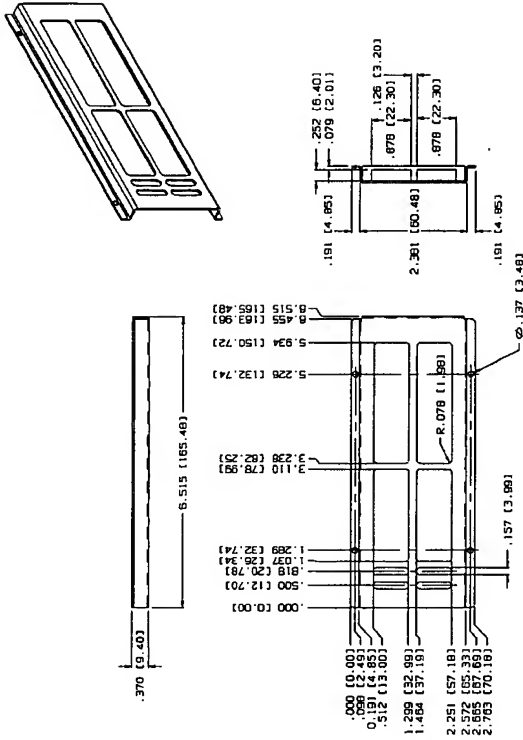


FIG. 13

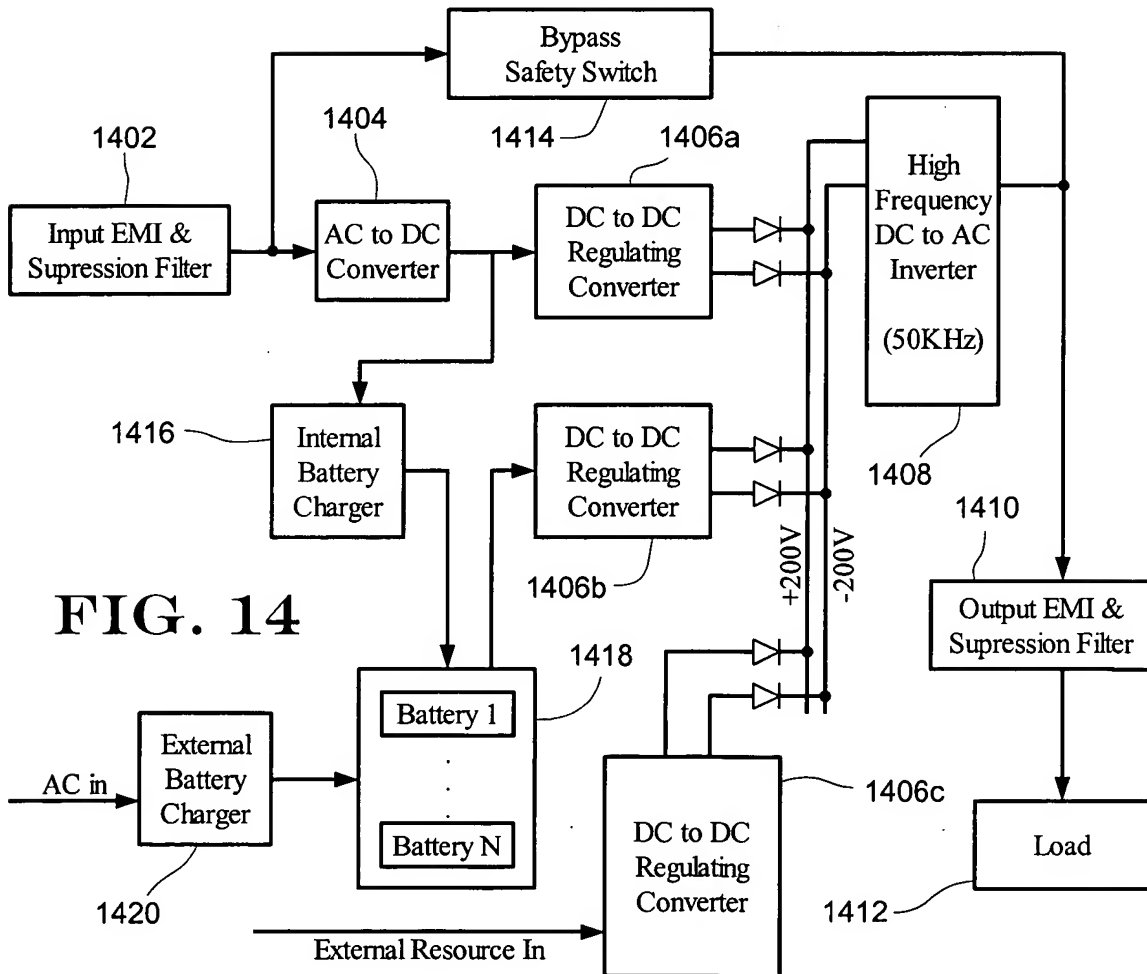
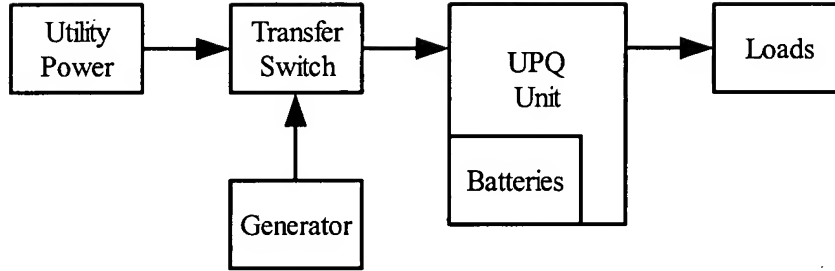


FIG. 15

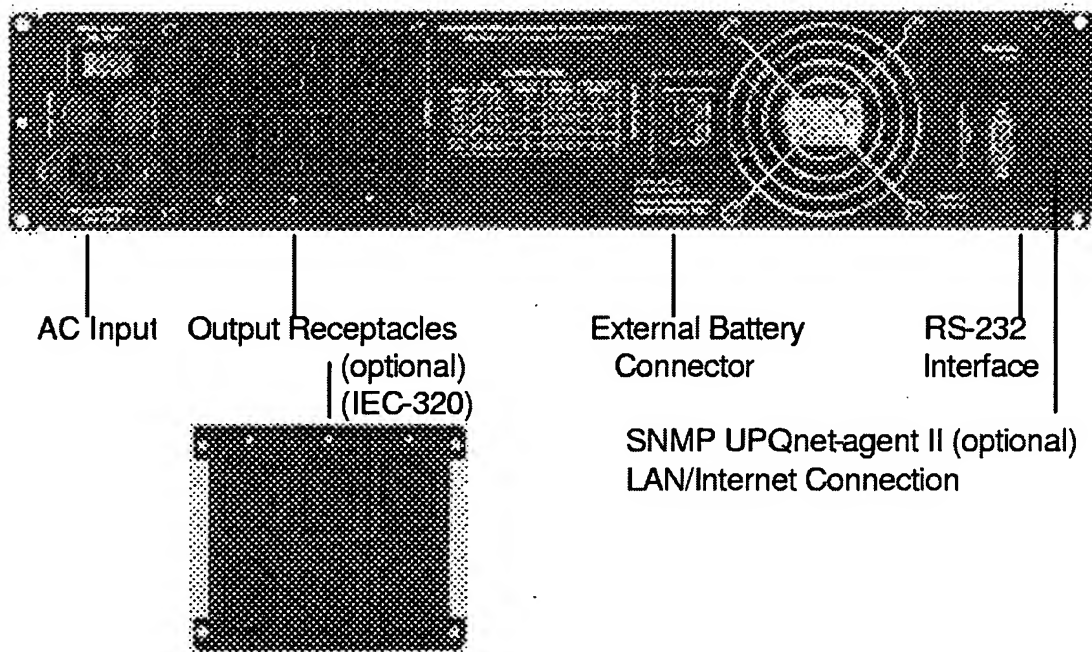
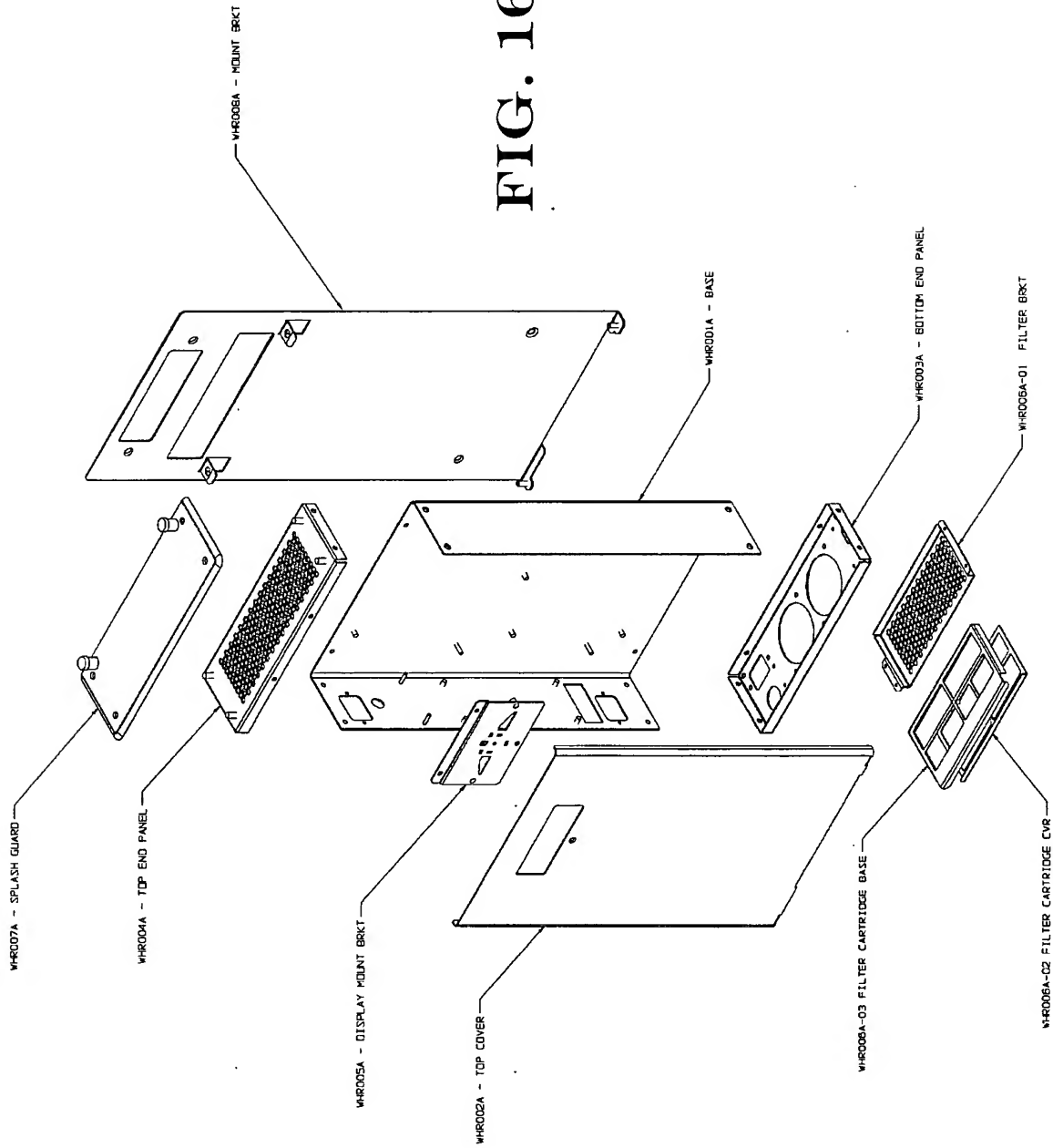




FIG. 16



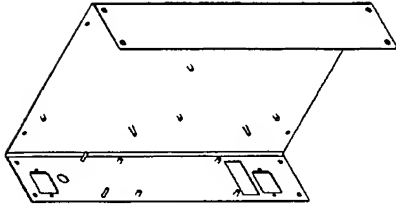
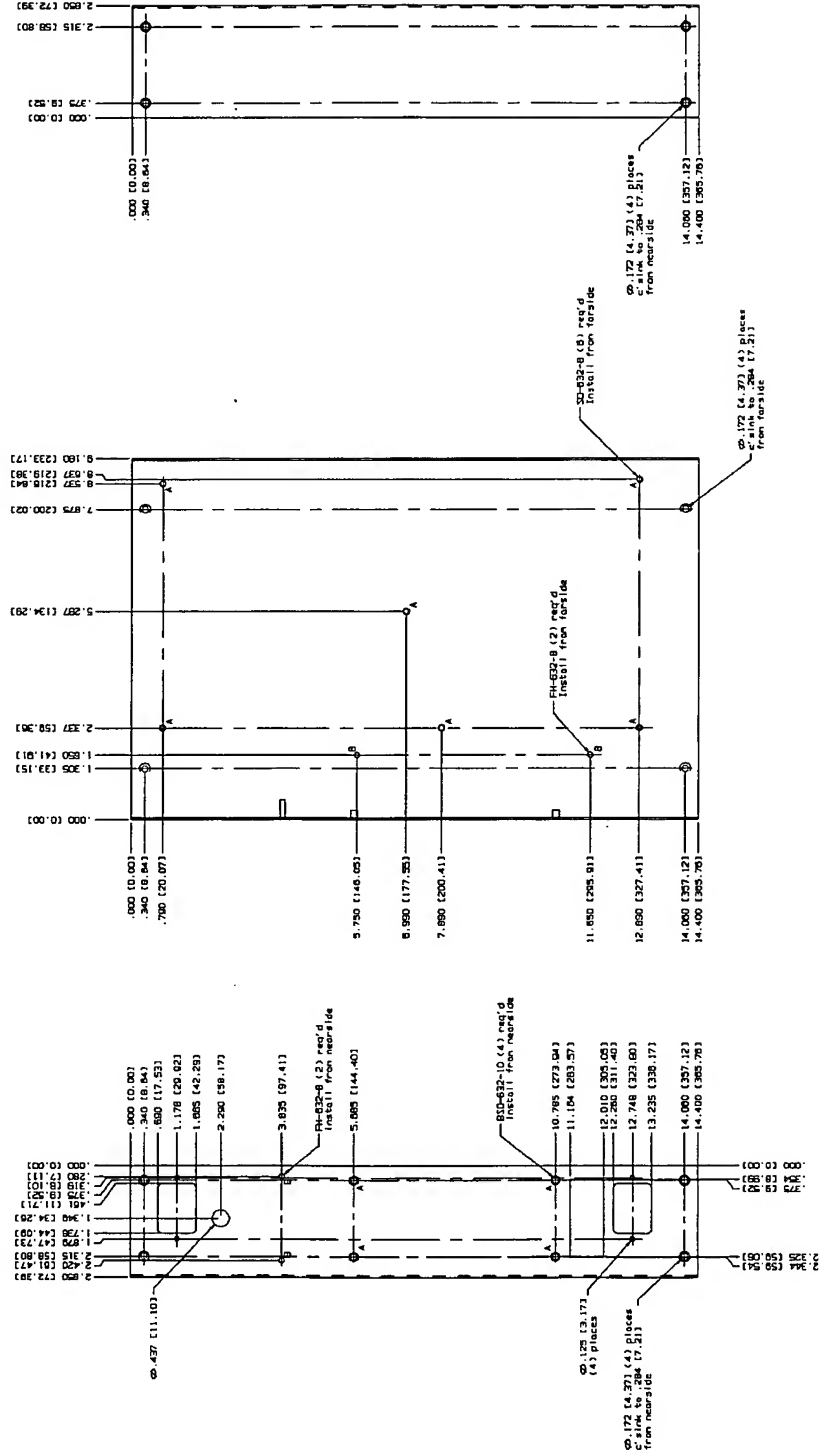
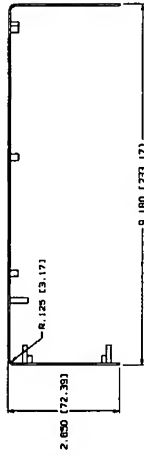
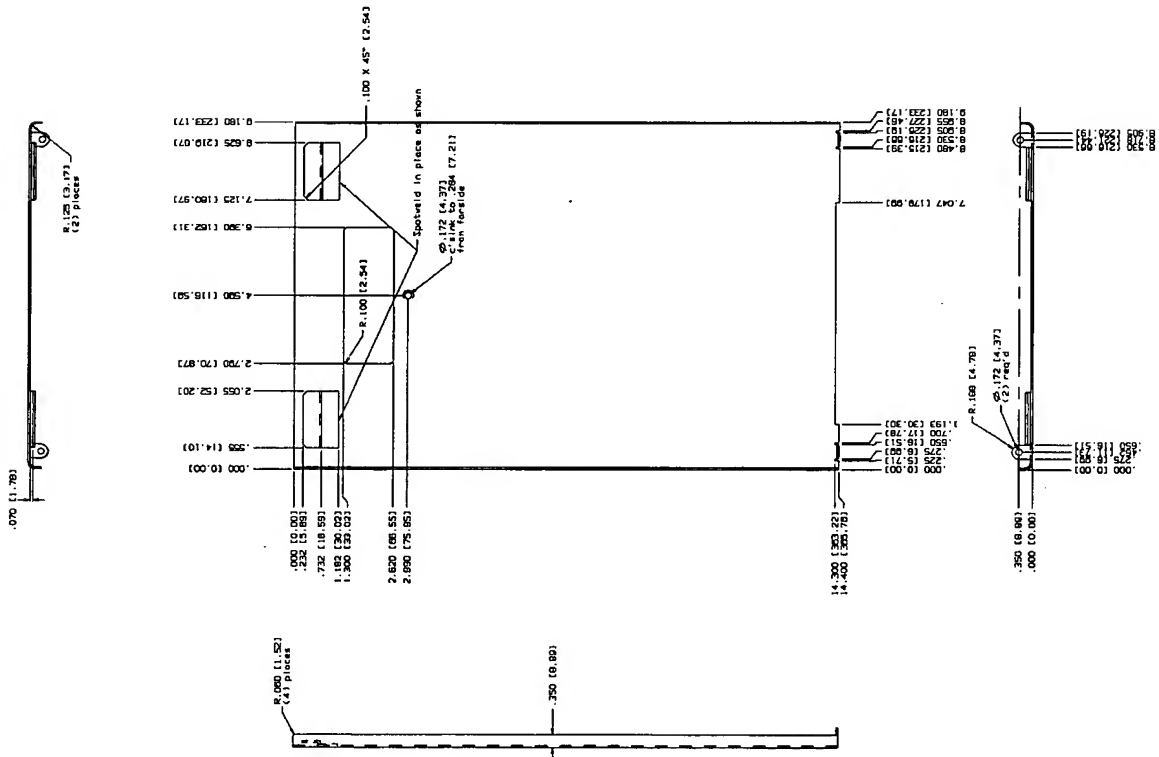
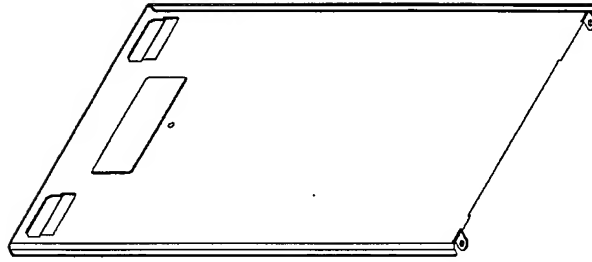
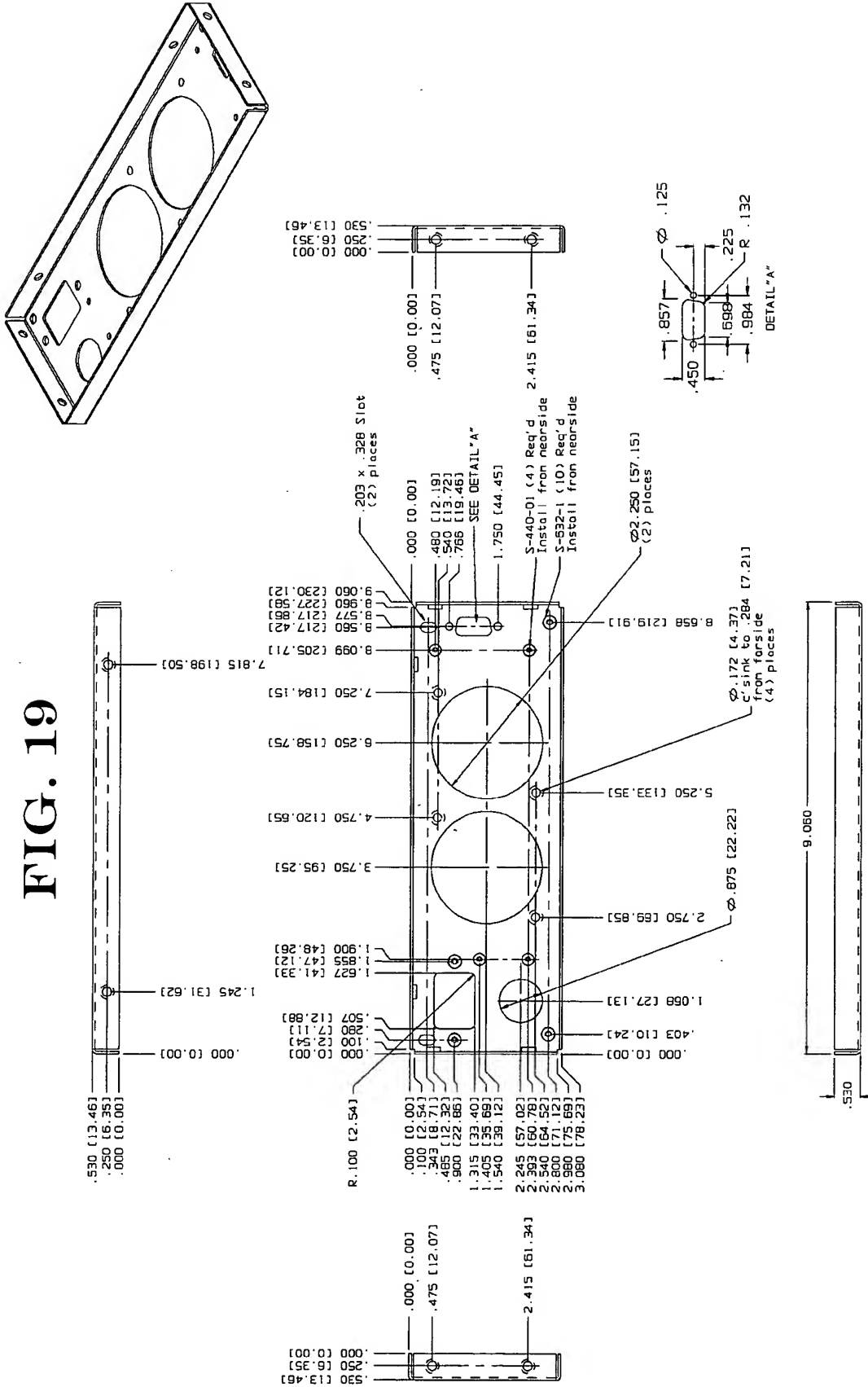


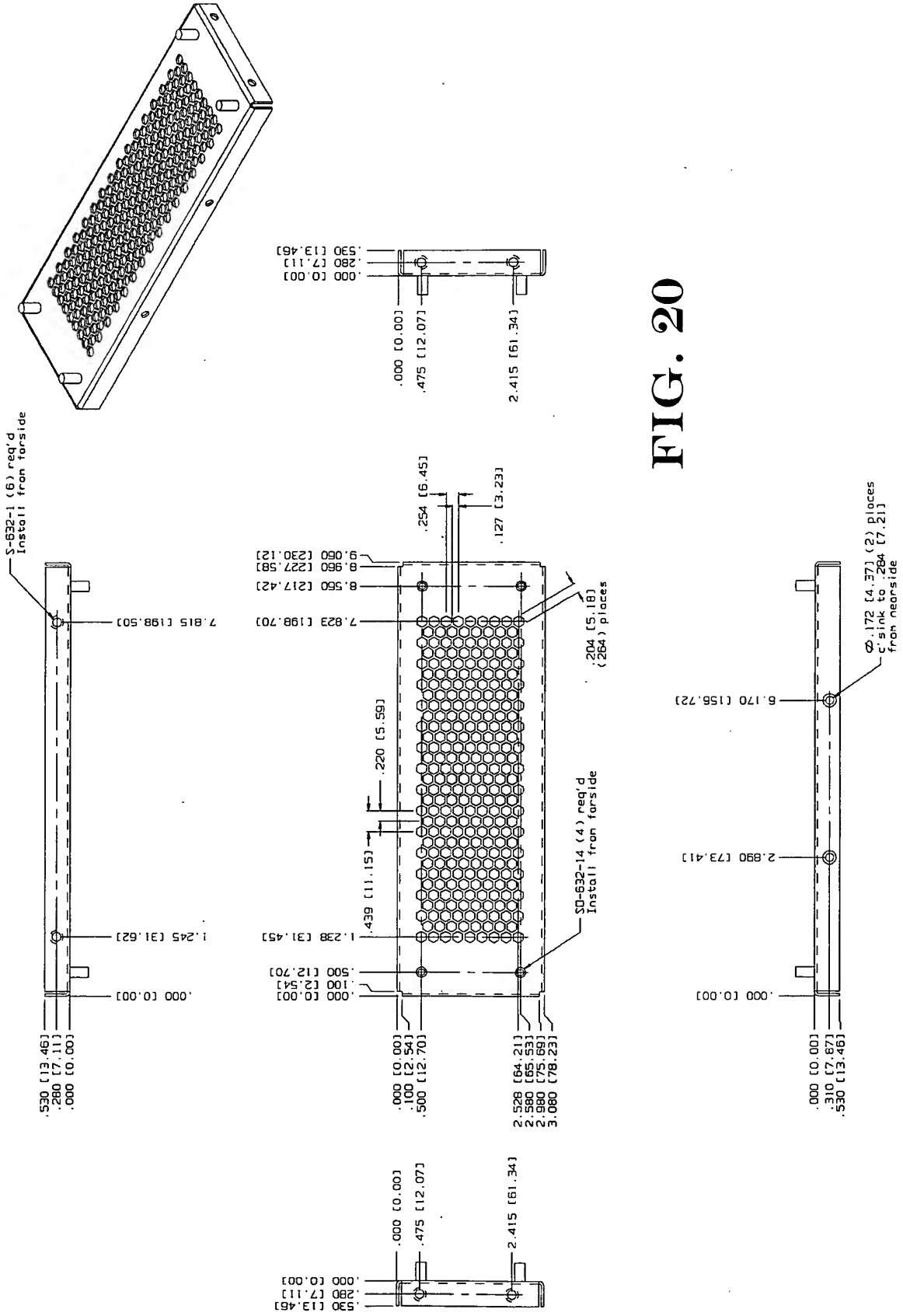
FIG. 17

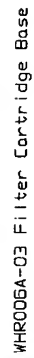




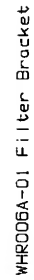
**FIG. 19**



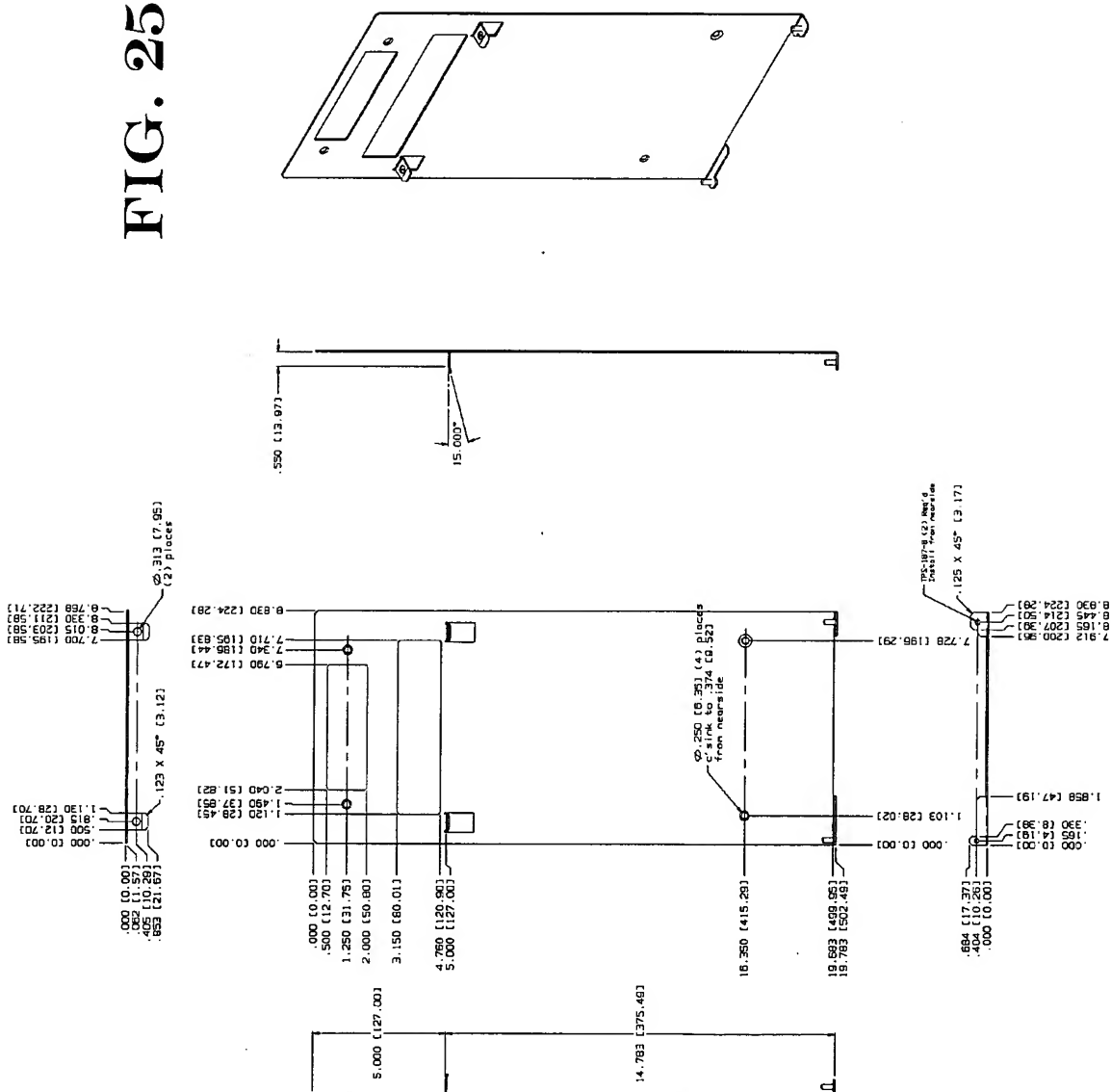




**FIG. 22**



**FIG. 25**



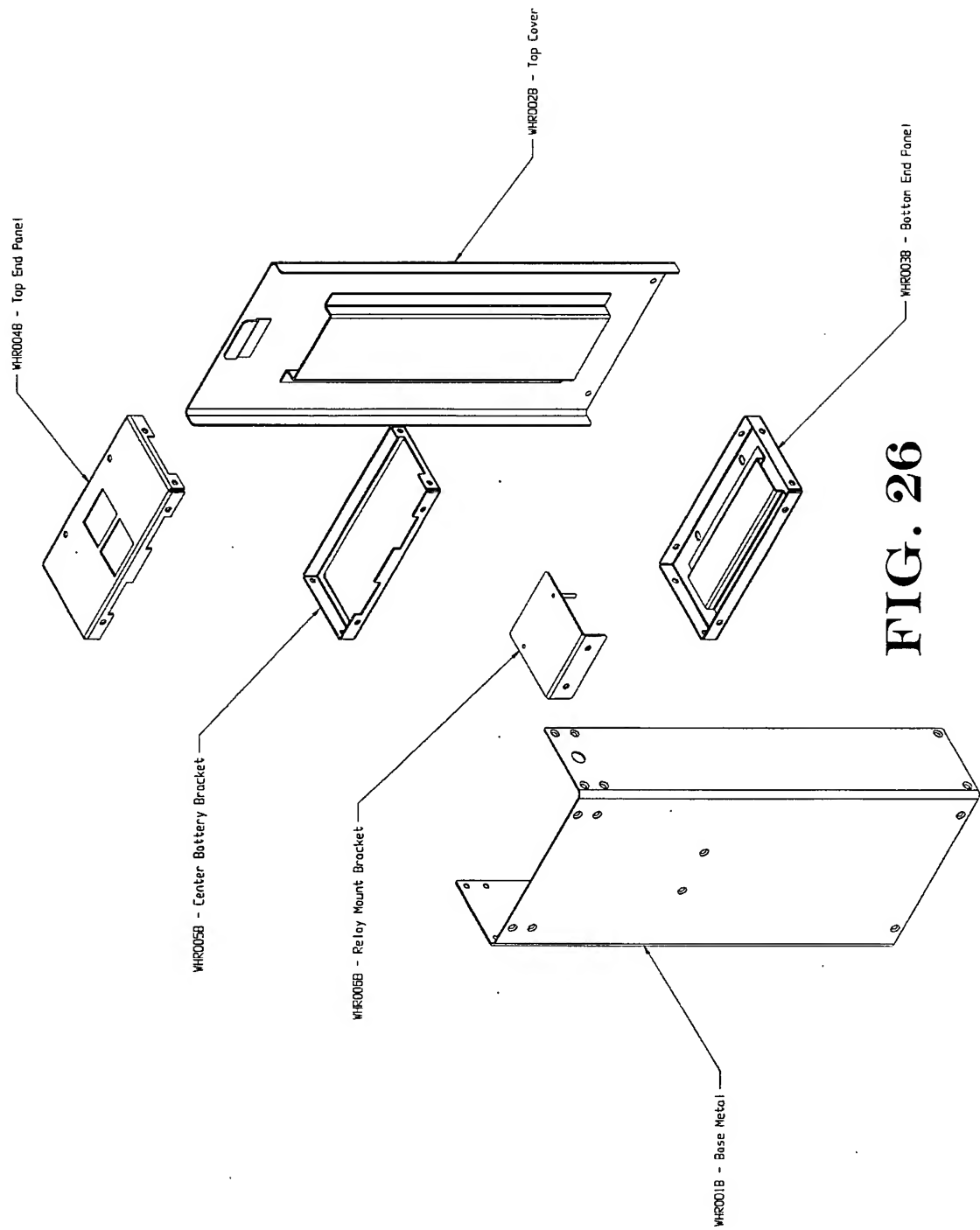
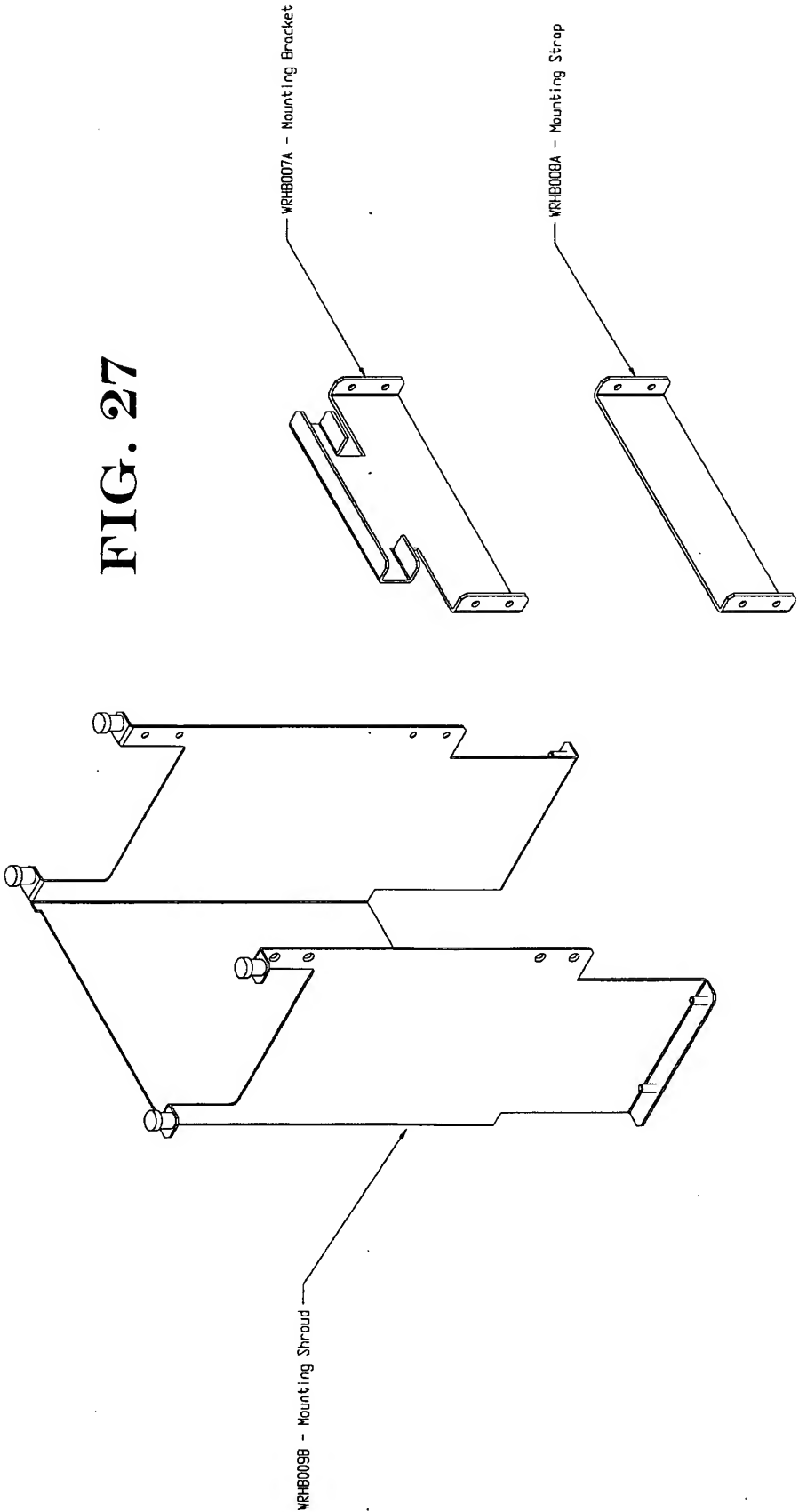


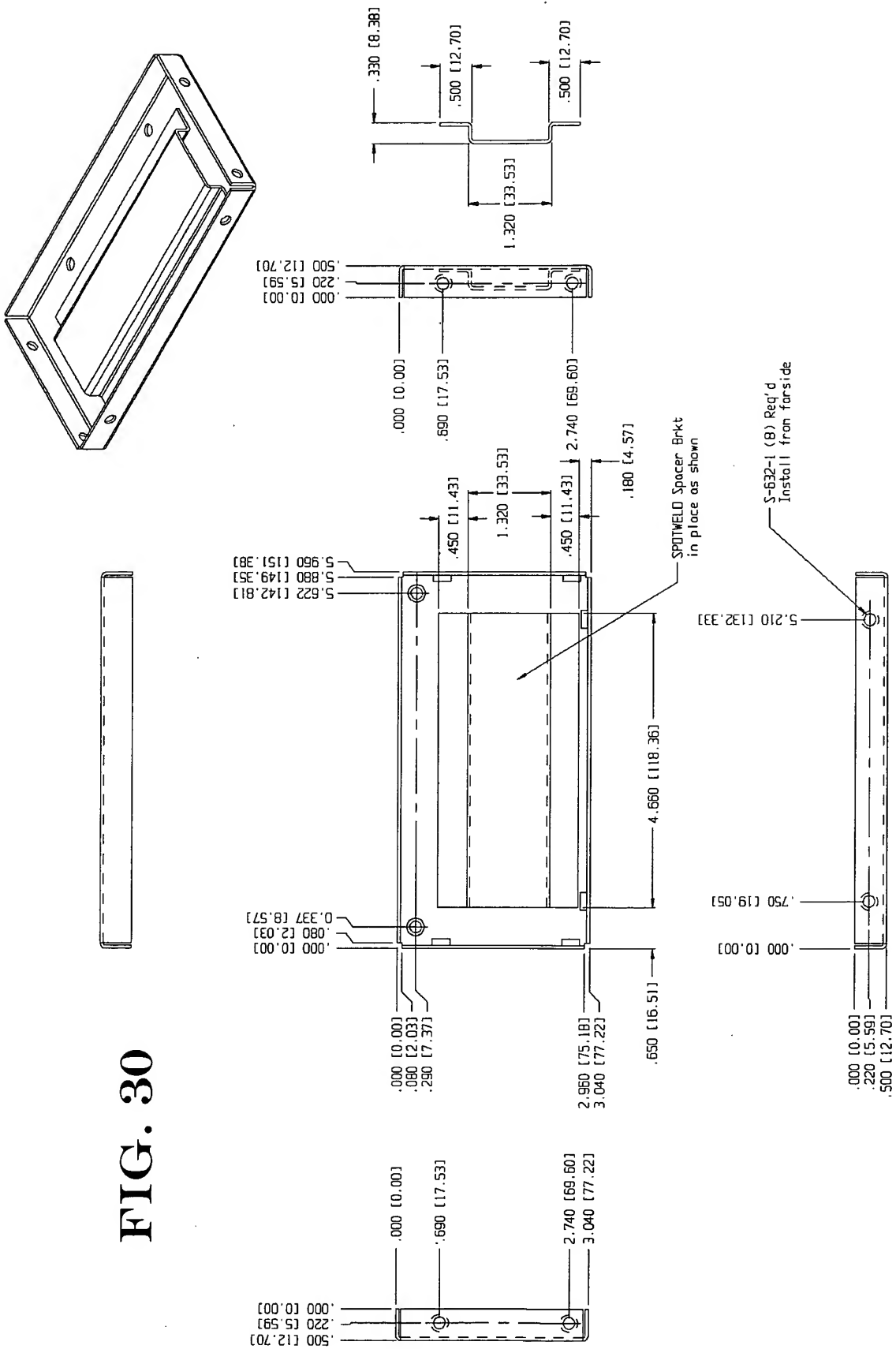
FIG. 26



FIG. 27



**FIG. 30**



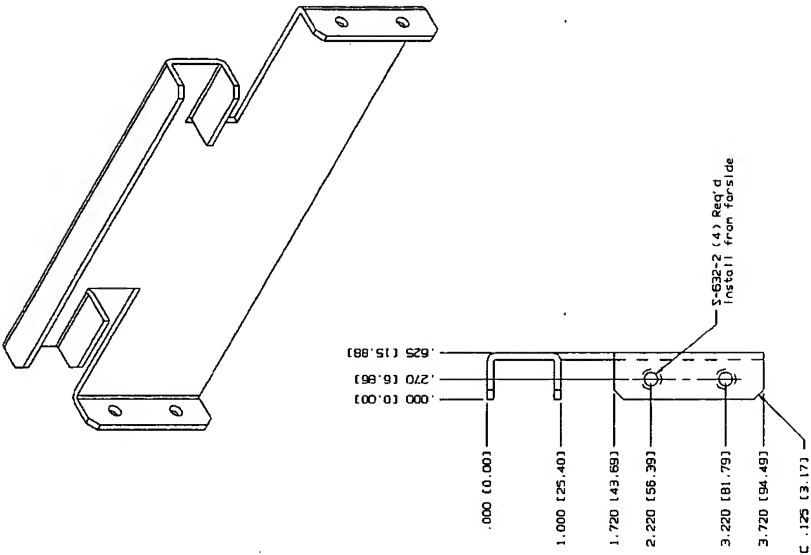
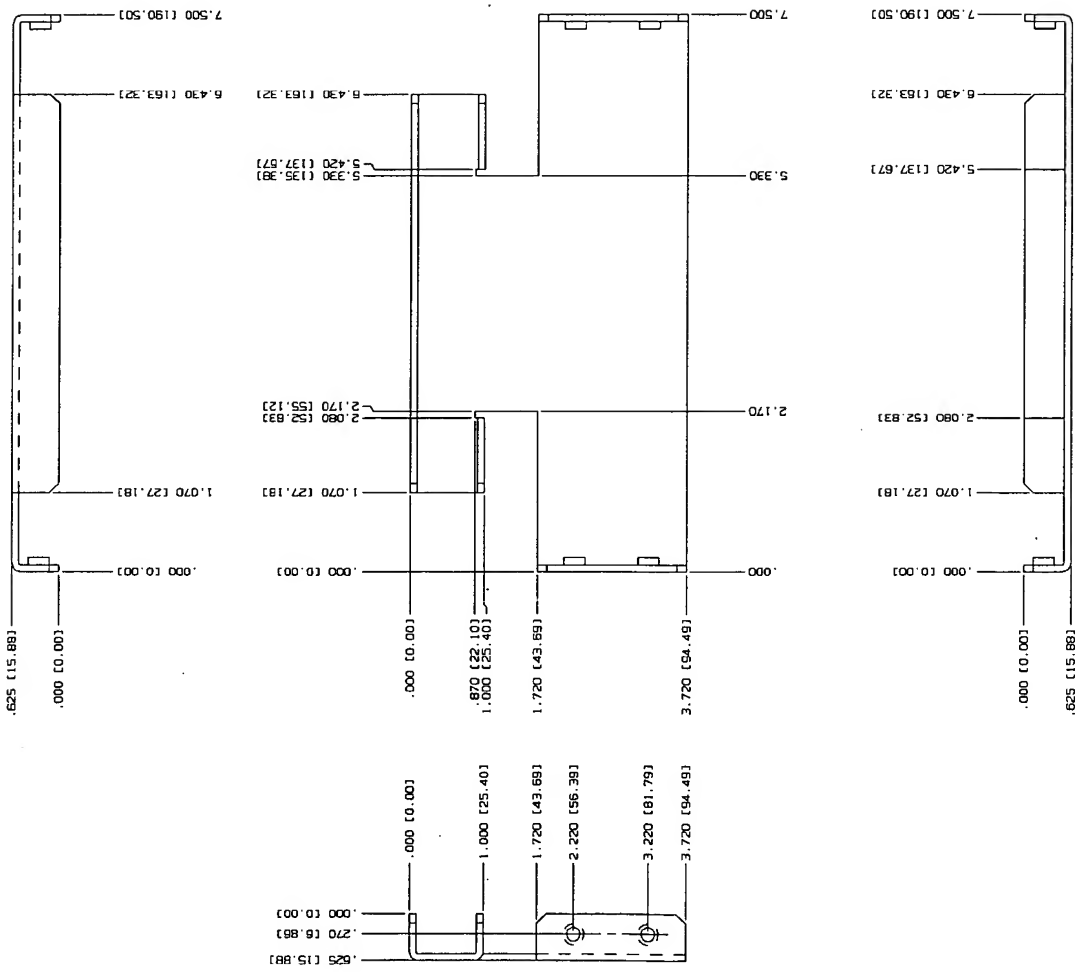
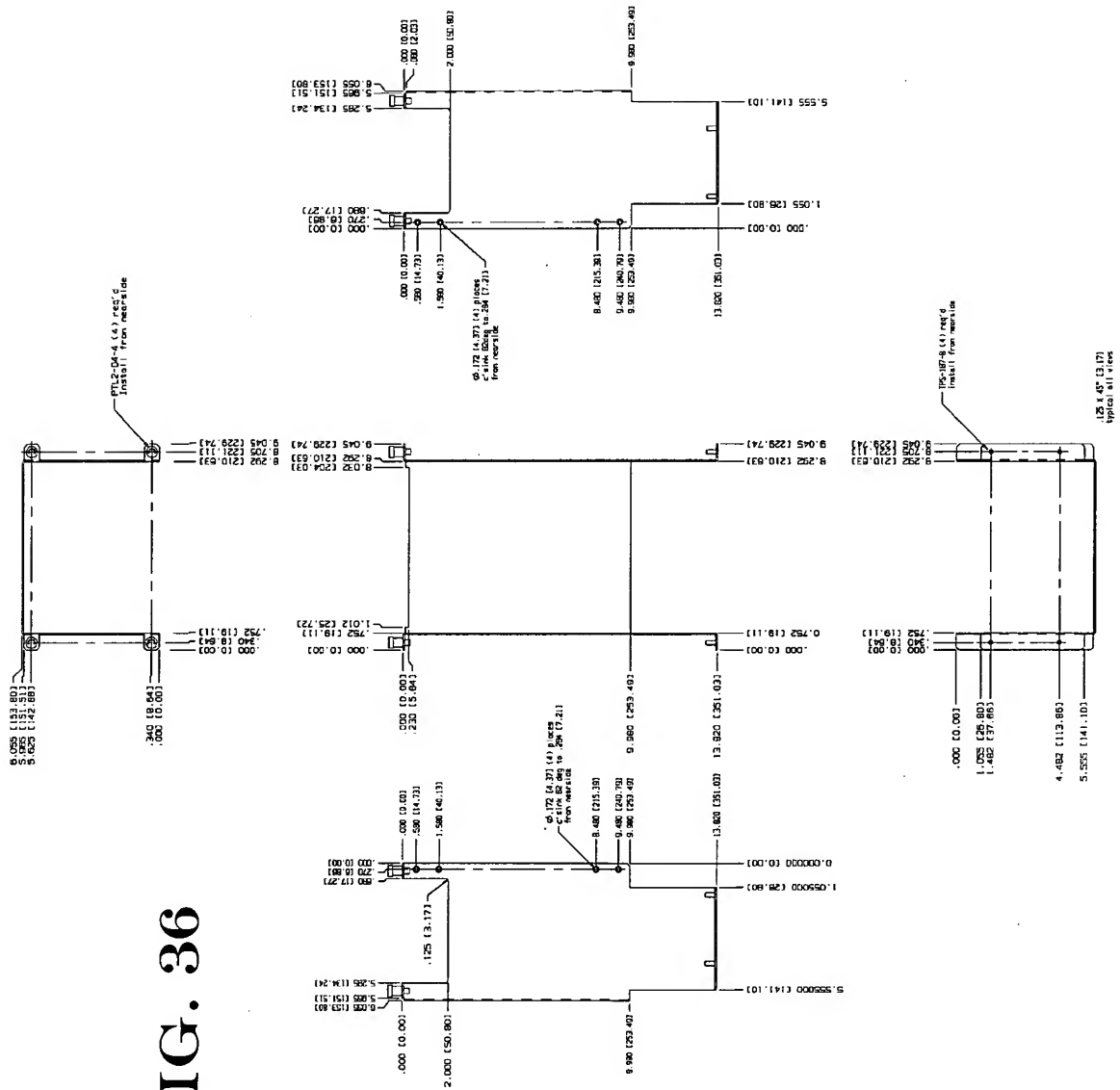
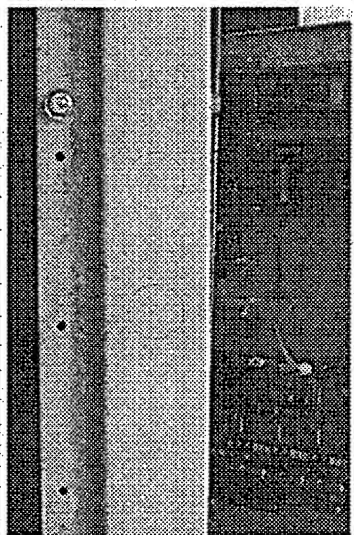


FIG. 34

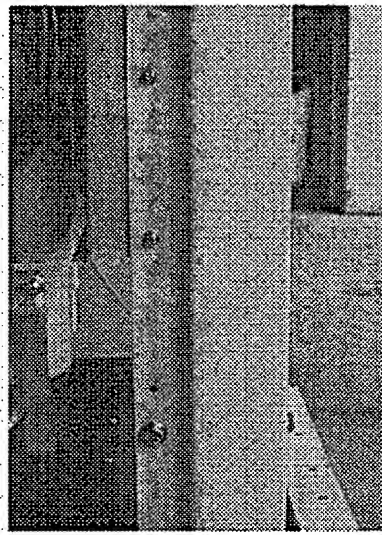




**FIG. 36**



**FIG. 37**



**FIG. 38**



**FIG. 39**

FIG. 40A FIG. 40B



FIG. 40C

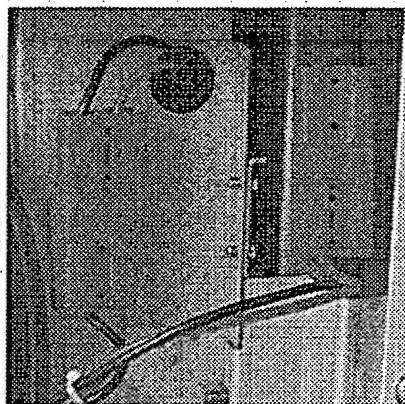
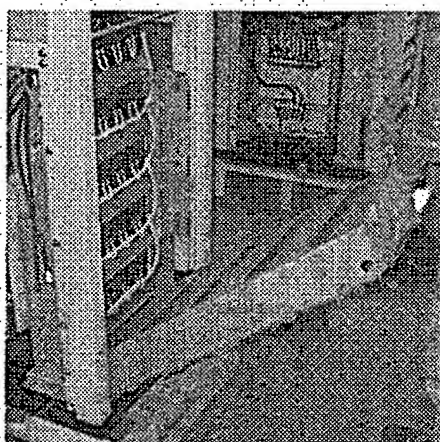


FIG. 41

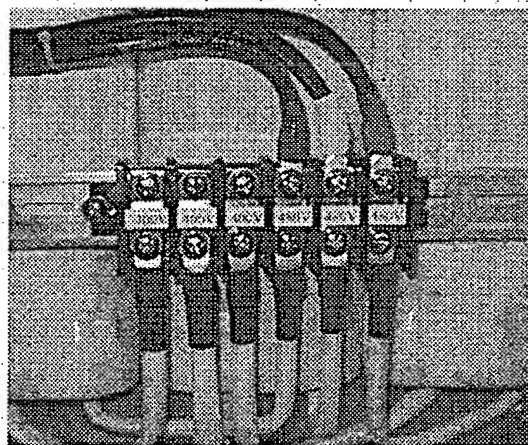


FIG. 42

FIG. 43A

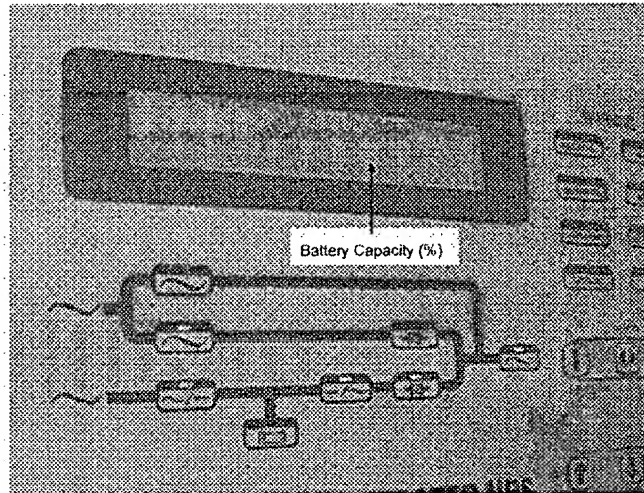


FIG. 43B

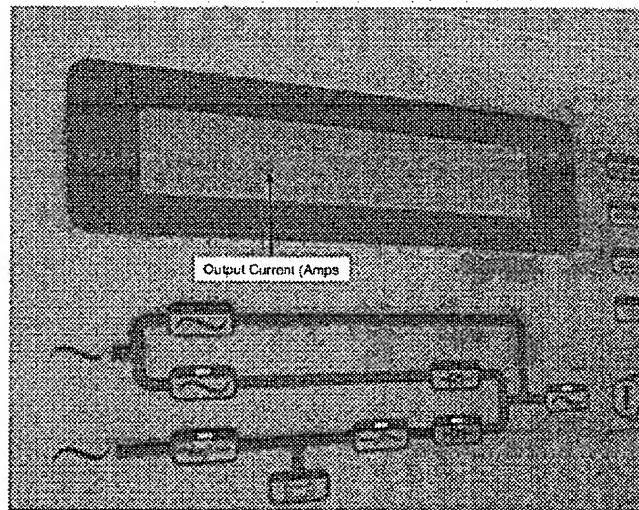
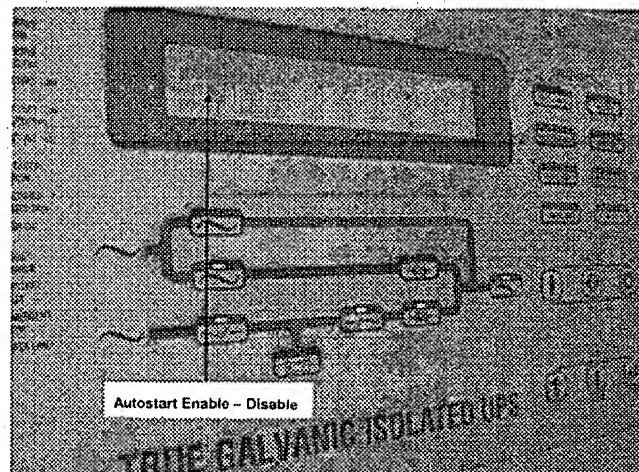


FIG. 43C





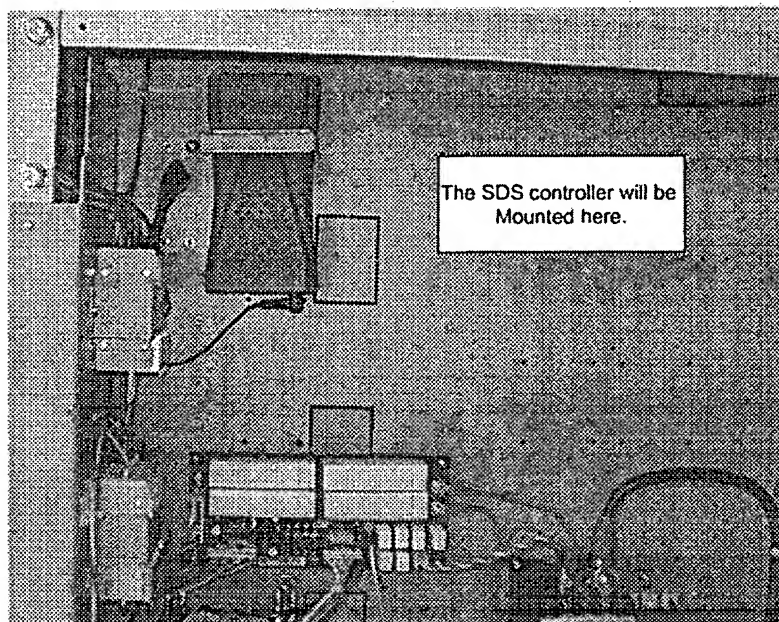


FIG. 44

FIG. 45

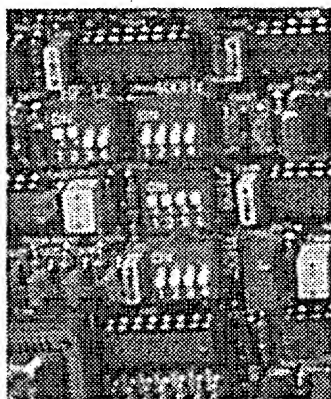
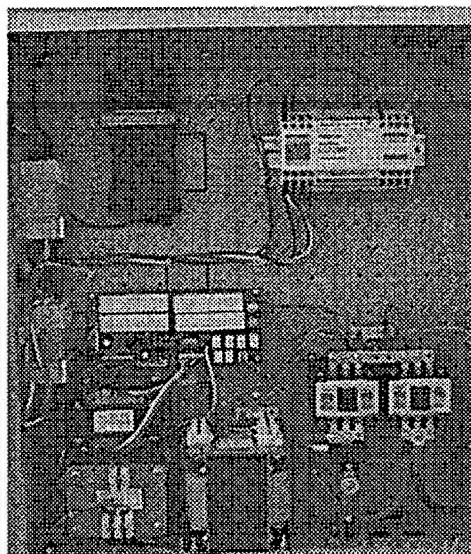
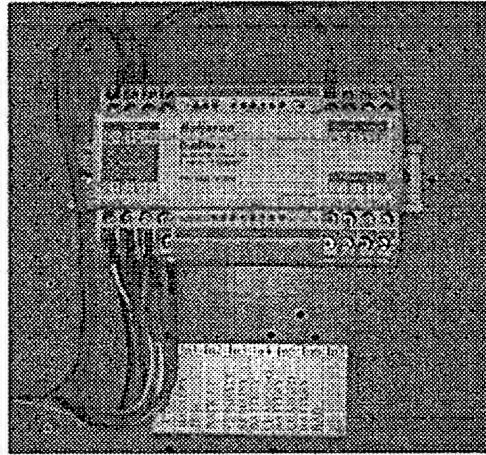


FIG. 46

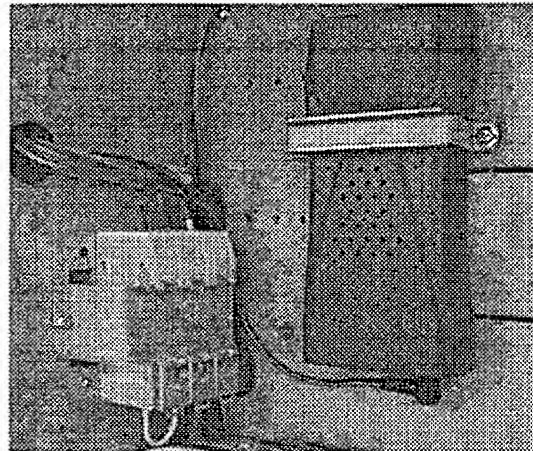




**FIG. 47**



**FIG. 48**



**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**